

POWER-SUPPLIES NOISE DETECTOR FOR INTEGRATED CIRCUITS

Abstract of the Disclosure

5 In some embodiments, a circuit includes a reference current source to provide a
substantially noise free current signal, and a detector coupled to one or two power
supplies. In some embodiments, a method includes receiving a substantially noise free
current signal, receiving one or two power supply signals, processing the substantially
noise free current signal and the one or two power supply signals to detect a noise signal
in the one or two power supply signals, and generating a noise detection signal in
10 response to detection of the noise signal.

"Express Mail" mailing label number: EV 332569026 US

Date of Deposit: December 9, 2003

This paper or fee is being deposited on the date indicated above with
the United States Postal Service pursuant to 37 CFR 1.10, and is
addressed to the Commissioner for Patents, Mail Stop Patent
Application, P.O. Box 1450, Alexandria, VA 22313-1450.